

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (canceled)

Claim 2 (currently amended): ~~The partial discharge-resistant wire enamel composition according to Claim 1 wherein~~A partial discharge-resistant wire enamel composition wherein at least one fine particle sol selected from the group of metal oxide fine particle sol and silicon oxide fine particle sol is dispersed, said wire enamel composition comprising 100 parts by weight of wire enamel resin and 3 to 100 parts by weight of at least one fine particle selected from a metal oxide fine particle and a silicon oxide fine particle and each of the metal oxide fine particle sol and silicon oxide fine particle sol is transparent or opalescent colloid liquid containing a metal oxide fine particle or silicon oxide fine particle having an average particle size of 100 nm (100×10^{-9} mm)(100×10^{-6} mm) or less in a dispersing medium having excellent compatibility with a wire enamel composition.

Claim 3 (canceled)

Claim 4 (currently amended): ~~The partial discharge-resistant magnet wire according to Claim 3 wherein~~A partial discharge-resistant magnet wire obtained by coating and baking directly or through other coating layer on a conductor, a wire enamel composition wherein

at least one fine particle sol selected from the group of metal oxide fine particle sol and silicon oxide fine particle sol is dispersed, said wire enamel composition comprising 100 parts by weight of wire enamel resin and 3 to 100 parts by weight of at least one fine particle selected from the group of a metal oxide fine particle and a silicon oxide fine particle and each of the metal oxide fine particle sol and silicon oxide fine particle sol is transparent or opalescent colloid liquid containing a metal oxide fine particle or silicon oxide fine particle having an average particle size of 100 nm (~~100X10⁻⁹ mm~~)(100X10⁻⁶ mm) or less in a dispersing medium having excellent compatibility with a wire enamel composition.

Claim 5 (currently amended): A partial discharge-resistant enameled wire obtained by providing a lubricant coating layer on the outer circumference or a coating layer produced by coating and baking directly or through other coating layer on a conductor a wire enamel composition wherein at least one fine particle sol selected from the group of metal oxide fine particle sol and silicon oxide fine particle sol is dispersed and each of the metal oxide fine particle sol and silicon oxide fine particle sol is transparent or opalescent colloid liquid containing a metal oxide fine particle or silicon oxide fine particle having an average particle size of 100 nm (100X10⁻⁶ mm) or less in a dispersing medium having excellent compatibility with a wire enamel composition.

Claim 6 (new): A partial discharge-resistant wire enamel composition in which at least one of a metal oxide fine particle sol and a silicon oxide fine particle sol is dispersed, comprising:

100 parts by weight of wire enamel resin; and
3 to 100 parts by weight of at least one of a metal oxide fine particle and a silicon oxide fine particle;

wherein the at least one sol is a transparent or opalescent colloid liquid containing one of the metal oxide fine particle or the silicon oxide fine particle having an average particle size of 100 nm (100×10^{-6} mm) or less.

Claim 7 (new): The partial discharge-resistant wire enamel composition of claim 6, wherein the at least one sol is a transparent or opalescent colloid liquid containing one of the metal oxide fine particle or the silicon oxide fine particle in a dispersing medium having excellent compatibility with the wire enamel composition.

Claim 8 (new): The partial discharge-resistant wire enamel composition of claim 7, wherein the dispersing medium is one of a) water, b) methanol, c) dimethylacetamide, d) methyl ethyl isobutyl ketone, or e) a xylene/butanol mixed solvent.

Claim 9 (new): The partial discharge-resistant wire enamel composition of claim 6, wherein the at least one of the metal oxide fine particle and the silicon oxide fine particle is uniformly distributed throughout the composition.

Claim 10 (new): The partial discharge-resistant wire enamel composition of claim 6, wherein the metal oxide fine particle sol is one of a) an alumina fine particle sol, b) a zirconia fine particle sol, c) a titania fine particle sol, or d) a yttria fine particle sol.

Claim 11 (new): The partial discharge-resistant wire enamel composition of claim 6, wherein the silicon oxide fine particle sol is a silica fine particle sol.

Claim 12 (new): A partial discharge-resistant wire, comprising:

a conductor; and

an enamel composition formed around the conductor, the enamel composition having dispersed therein at least one of a metal oxide fine particle sol and a silicon oxide fine particle sol, the at least one sol being a transparent or opalescent colloid liquid containing one of a metal oxide fine particle or a silicon oxide fine particle having an average particle size of 100 nm (100×10^{-6} mm) or less.

Claim 13 (new): The partial discharge-resistant wire of claim 12, wherein:

the partial discharge-resistant wire is a magnet wire; and

the enamel composition includes 100 parts by weight of wire enamel resin and 3 to 100 parts by weight of at least one of the metal oxide fine particle and the silicon oxide fine particle.

Claim 14 (new): The partial discharge-resistant wire of claim 12, further comprising:

a lubricant coating formed around the enamel composition.

Claim 15 (new): The partial discharge-resistant wire of claim 12, wherein the at least one sol is a transparent or opalescent colloid liquid containing one of the metal oxide fine

particle or the silicon oxide fine particle in a dispersing medium having excellent compatibility with the wire enamel composition.

Claim 16 (new): The partial discharge-resistant magnet wire of claim 15, wherein the dispersing medium is one of a) water, b) methanol, c) dimethylacetamide, d) methyl ethyl isobutyl ketone, or e) a xylene/butanol mixed solvent.

Claim 17 (new): The partial discharge-resistant wire of claim 12, wherein at least one of the metal oxide fine particle and the silicon oxide fine particle is uniformly distributed throughout the composition.

Claim 18 (new): The partial discharge-resistant wire of claim 12, wherein the metal oxide fine particle sol is one of a) an alumina fine particle sol, b) a zirconia fine particle sol, c) a titania fine particle sol, or d) a yttria fine particle sol.

Claim 19 (new): The partial discharge-resistant wire of claim 12, wherein the silicon oxide fine particle sol is a silica fine particle sol.